

Rabbit anti-Human, Rat SRP14 Polyclonal Antibody | anti-SRP14 antibody

SRP14 Antibody

CATALOG # AAA323147	HOST Rabbit	REACTIVITY Human, Rat
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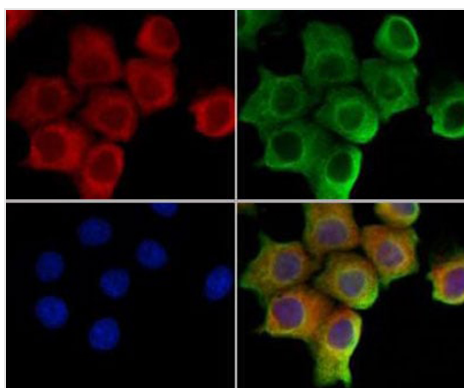
PRODUCT SYNONYMS

SRP14; Polyclonal Antibody; SRP14 Antibody; 18 kDa Alu RNA binding protein; 18 kDa Alu RNA-binding protein; Alu RNA-binding protein; 14-KD subunit; ALURBP; MGC14326; Signal recognition particle 14 kDa protein; signal recognition particle 14kDa (homologous Alu RNA binding protein); SRP 14; SRP14_HUMAN; anti-SRP14 antibody

PRODUCT SPECIFICATIONS

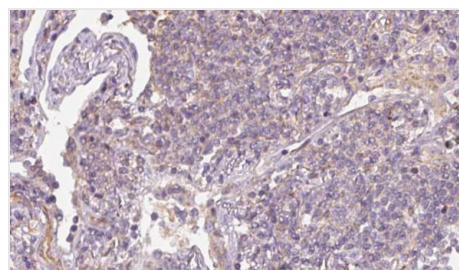
Host	Rabbit
Reactivity	Human, Rat
Clonality	Polyclonal
Specificity	SRP14 Antibody detects endogenous levels of total SRP14.
Purity/Purification	Peptide affinity purification
Form/Format	Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1mg/ml (varies by lot)
Immunogen	A synthesized peptide derived from human SRP14, corresponding to a region within the internal amino acids.
Preparation and Storage	Store at -20°C. Stable for 12 months from date of receipt.

IMAGES



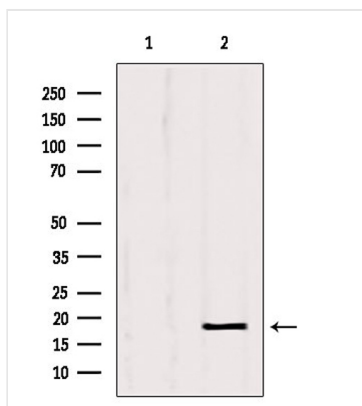
IF (Immunofluorescence)

AAA323147 staining HeLa cells by IF/ICC. The samples were fixed with PFA and permeabilized in 0.1% Triton X-100, then blocked in 10% serum for 45 minutes at 25°C. Samples were then incubated with primary Ab(AAA323147 1:200) and mouse anti-beta tubulin Ab for 1 hour at 37°C. An AlexaFluor594 conjugated goat anti-rabbit IgG(H+L) Ab(Red) and an AlexaFluor488 conjugated goat anti-mouse IgG(H+L) Ab(Green) were used as the secondary antibody.



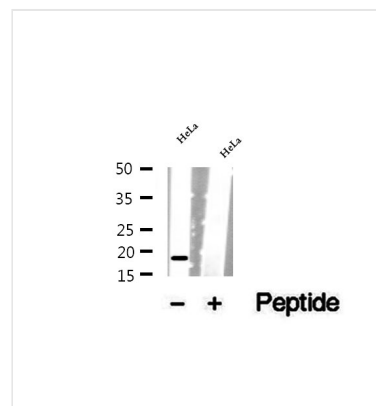
IHC (Immunohistochemistry)

AAA323147 at 1/100 staining Human lymph cancer tissue by IHC-P. The sample was formaldehyde fixed and a heat mediated antigen retrieval step in citrate buffer was performed. The sample was then blocked and incubated with the antibody for 1.5 hours at 22 degree C. An HRP conjugated goat anti-rabbit antibody was used as the secondary.



WB (Western Blot)

Western blot analysis of extracts from HeLa, using SRP14 antibody. Lane 1 was treated with the blocking peptide.



WB (Western Blot)

Western blot analysis of extracts of HeLa cells, using SRP14 antibody.

ADDITIONAL INFORMATION

Related Product Information for anti-SRP14 antibody

Function: Signal-recognition-particle assembly has a crucial role in targeting secretory proteins to the rough endoplasmic reticulum membrane. SRP9 together with SRP14 and the Alu portion of the SRP RNA, constitutes the elongation arrest domain of SRP. The complex of SRP9 and SRP14 is required for SRP RNA binding.

Subunit Structure: Signal recognition particle consists of a 7S RNA molecule of 300 nucleotides and six protein subunits: SRP72, SRP68, SRP54, SRP19, SRP14 and SRP9.

Similarity: Belongs to the SRP14 family.

NCBI AND UNIPROT INFORMATION

NCBI GI #	149999611
NCBI GeneID	6727
NCBI Accession #	NP_003125.3
NCBI GenBank Nucleotide #	NM_003134.5
UniProt Accession #	P37108; Q6B0K5; Q96Q14; B5BUF5
Molecular Weight	18 kDa
NCBI Official Full Name	signal recognition particle 14 kDa protein isoform 1
NCBI Official Synonym Full Names	signal recognition particle 14
NCBI Official Symbol	SRP14
NCBI Official Synonym Symbols	ALURBP
NCBI Protein Information	signal recognition particle 14 kDa protein
UniProt Protein Name	Signal recognition particle 14 kDa protein
UniProt Gene Name	SRP14
UniProt Synonym Gene Names	SRP14

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/srp14-antibody-elisa/323147>